

SCDXC Newsletter



The Southern California DX Club is a group of dedicated men and women active in the amateur radio community who enjoy communicating over the air with other radio amateurs around the world.

The SCDXC strongly supports the DX Code of Conduct. Please visit their website:

www.dx-code.org

The SCDXC newsletter is published monthly and released to club members around the first of each month. Amateur and DX related letters, news and pictures are welcome and will be published as time and space permit.

Articles will be republished with recognition of the author and the club. Re-use of copyrighted materials require the original author's permission.

Any questions regarding this newsletter or its articles should be addressed to the Editor, Bill, N6RV at:

n6rv@scdxc.org

Club meetings are held on the second Thursday of the month at 7:30 PM except April, June, and December.

Please check the club web site for events and details at:

<http://www.scdxc.org>

If you are in the area please say hello on our repeater:

W6AM/R 145.48, (-) PL 100.0

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If you need him get in there and work him"



Anchors Aweigh Auction

The annual SCDXC auction will take place at the September meeting. Here are some guidelines for both sellers and potential buyers.

Sellers: Please try to send me an e-mail with a listing of the items you wish to sell. All items must be amateur radio related. DO NOT bring other electronic stuff – we won't be auctioning it. The list should include the name of the item, whether you wish to set a reserve price, and whether you wish to make the item a club donation (100% of the sale proceeds to the club) or a regular sale item (10% to the club). Finally, be sure to include your callsign. If you don't send me the information in advance, you'll have to fill out an auction slip at the club meeting with this information for every item you wish to sell. This delays the start of the auction, so I'd encourage you to send me the information in advance. Send it to me at k6jw@scdxc.org.

Buyers: We do NOT use bid numbers. When you cast the winning bid, we record it by your callsign (preferred) or your name.

At the conclusion of the auction, buyers will be taken care of first so that we have the cash to pay out the sellers. The whole process usually takes about half an hour.

Finally, the auction is CASH ONLY. So, bring lots of money and be ready to have fun.

Summer Bash 2018



From the Desk of the President

Mel Hughes, K6SY

2018
Board of Directors

President

Mel Hughes K6SY

Vice President

Kris Jacob KC6TOD

Treasurer

Jerry Lewine K6QU

Secretary

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Director

Barry Fitchew N6VOH

Director

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Director (Past President)

Doug Dowds W6HB

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Chip Angle N6CA

Newsletter Editor

Bill Kendrick N6RV

Webmaster

Jim Shryne N6DHZ

If you listen to the Club repeater in the past week or so you may have notice that the voice announcements of the DX spots is working again. That's because after a 3 months delay of a weekend project to rewire the shack, it was finally completed this past weekend. Everything is back working but the Flex and the internet access. With the long weekend coming there is hope I'll get it all finished.

I hope you all enjoyed our August program. Arnie, N6HC, did a great job filling us in on his latest DXpedition adventure, this time a successful trip to Baker Island.

And a big thanks to George, N6VNI, and Kris, KC6TOD, for hosting this year's Summer Bash. There were about 70 in attendance there.

For our September meeting, round up all your **Ham Related** gear you have no more room for in your shack and bring them to this year's annual "Boat Anchor" auction. Meeting starts at 7:00 PM, Thursday, September 13, in the lunchroom at WEMS, Inc. Skip, KJ6Y, will be running the show.

Because of personal reasons Jerry, K6QU, has resigned as SCDXC Treasurer/ Membership chairman. We need an immediate replacement to take over this important position. Additionally, elections are in December for the 2019 Board Positions. I know that almost everyone in the club has, at various times, held Board Positions but we need some of you that haven't held a position for sometime to step up and help fill the positions. If there is no one to fill the Board Positions, there is no SCDXC.

The same holds true of the 2020 DX Convention. We need to have the 2020 team in place no later than the first of the year. Why, because the convention site needs to be selected and booked and hotels signed up before the 2019 NCDXC hosted convention, April 2019. We need a Convention Chair or Co-chairs by the end of this year along with persons to line up programs & speakers, prizes, convention reservations, program booklet, raffle sales, etc. If no one is willing to take on these positions there won't be a 2020 IDXC or at least not one sponsored by the SCDXC. The IDXC provides the funds that keep the SCDXC solvent. It is our only real fund raiser and source for our support funds for the NCDXF.

Think about how you can help with the 2020 IXDC. There will be a sign up sheet at the September Meeting. Kris, Cathy, Carl and I will be ready to help but if the International DX Convention is to continue with the SCDXC as host every other year, **others need to step in and take their turn at the major positions.**

73 - Mel - K6SY

VP Notes

Kris Jacob, KC6TOD

Greetings to All,

Summer is nearly over.... I hope that everyone had a good time at the Summer Bash! The feedback I received was wonderful. A very special thank you to all who came early and stayed late to help set up for our party.

Our September meeting will be on September 13th, it will be our annual Anchors Away auction. Yes, now is the time to bring your amateur radio items to auction off! Please remember it is to be all radio related. Our auctioneer will be Skip KJ6Y and Jeff K6JW will handle the financial record keeping with George N6VNI assisting. The fun begins at 7:30 pm!

The Christmas/Chanukah Party will be held on Sunday, December 16th from 12:00 to 4:00 pm at the Reef Restaurant in Long Beach. The registration information will be in the October newsletter.

If you have any suggestions for guest speakers/programs, please let me know. If you have a presentation you would like to share with the club, please contact me.

Please mark your calendar for all these events, we, as your board, have tried to plan in advance for all our special occasions.

73 and Good DXing!
Kris Jacob
KC6TOD

September Calendar

September	1 All Asian DX Contest SSB
September	1 Russian RTTY WW Contest
September	8 WAE DX Contest SSB
September	13 Regular Meeting
September	15 All Africa International DX Contest CW
September	15 Scandinavian Activity Contest CW
September	29 CQWW DX Contest RTTY

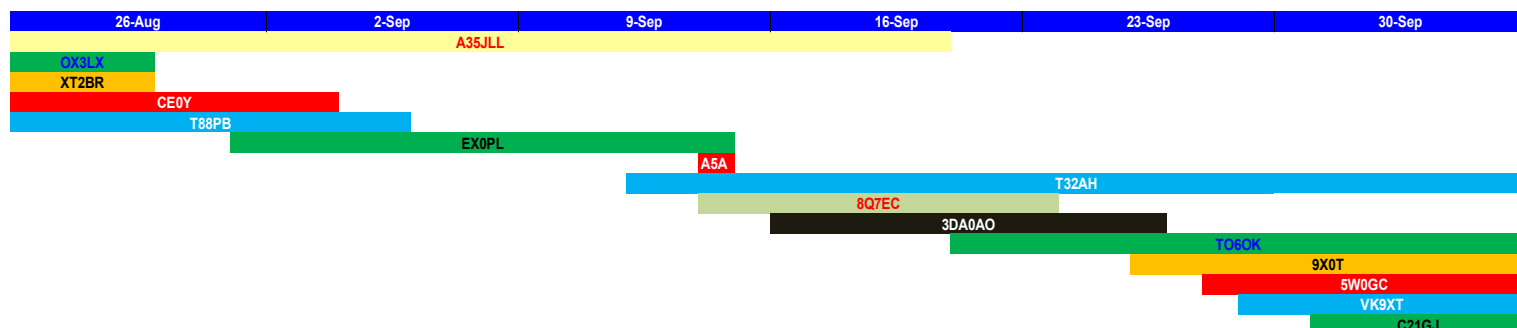
Rumors on the Band

September is beginning of the HF DX season and the contest season. Expect a lot of RTTY activity at the end of the month.

Note all the rare DXpeditions a foot. Turn your radio on!

QTH	Call	Start Date	End Date	Information
Tonga	A35JLL	Now	19-Sep	DL7JLL 40 20 15 10m SSB
Greenland	OX3LX	Now	29-Aug	OZ1DJJ SSB FT8
Burkina Faso	XT2BR	Now	29-Aug	F8FUA HF CW SSB RTTY FT8
Easter Island	CE0Y	Now	29-Aug	NP4G 40 - 10m CW FT8
Palau	T88PB	Now	3-Sep	JA0JHQ HF
Kyrgyzstan	EX0PL	1-Sep	10-Sep	SP9ONC SP9OUV SP9ETE SP9IWS SP9AMF SQ9OUK SP9NLT SQ9MCI SP9SCZ SP9IVD SP9MZH SP9DEM HF
Bhutan	A5A	14-Sep	14-Sep	JH1AJT E21EIC 160 - 6m CW SSB RTTY
East Kiribati	T32AH	12-Sep	1-Oct	DL2AH 80 - 10m SSB FT8 RTTY
Maldives	8Q7EC	14-Sep	23-Sep	OE3DEC 20m SSB
Swaziland	3DA0AO	16-Sep	28-Sep	HA5AO 80-10m CW RTTY FT8
Mayotte	TO6OK	21-Sep	6-Oct	OK1BOA OK1FCJ OK1GK OK2ZA OK2ZC OK2ZI OK6DJ 160 - 10m CW SSB RTTY FT8
Rwanda	9X0T	26-Sep	10-Oct	I1HJT I2YSB IK2CIO IK2CKR IK2DIA IK2HKT IK2RZP JA3USA 160-10m CW SSB RTTY FT8
Samoa	5W0GC	28-Sep	14-Oct	LZ1GC 160 - 6m CW SSB RTTY
Christmas Island	VK9XT	29-Sep	6-Oct	A65DC A65DR SM0CXU VE7HDW 160 - 10m CW SSB Digital
Nauru	C21GJ	30-Sep	12-Oct	W7GJ 6m EME CW SSB FT8

DX for September



SCDXC DXCC Standings										WAZ Standings		
Rank	Call	Total	Current	Slots	Rank	Call	Total	Current	Slots	Call	11B / 5B	Awards
1	W6KH	389	340		61	AC6DX	322	320	1887	K6ND	378 / 200	M/5
2	K6KII	387	340		62	KJ6Y	321	321	1312	W6SR	369 / 200	M/P/C/I/5
3	JA1BK	383	340	3147	63	N6NPG	319	319		WA5VGI	358 / 200	M/P/C/5
4	K6YRA	378	340	2272	64	AK6I	317	317		W8DX	357 / 200	M/5
5	OH2BH	377	340		65	W1YL	315	315		EJ7SA	357 / 200	M/5
6	ON4UN	373	340	1975	66	KC6T	314	314		N6AW	355 / 200	M/P/C/5
7	N6UC	368	339		67	N6GP	314	292	1583	NS6C	345 / 200	
8	DJ9ZB	365	340	2665	68	W6HB	311	311	1029	K6YRA	337 / 200	P/5
9	K6YUI	365	340	2598	69	N6VNI	311	309	1550	K6YUI	337 / 200	M/P/C/R/5
10	W6BCQ	365	339	1600	70	NK6A	303	297	957	WD6L	248 / 200	M/P/5
11	NS6C	361	340	2503	71	ZL3TE	297	295	1430	N6OU	220 / 200	M/5
12	K6SMF	360	338		72	N6DHZ	295	289	1053	K6UNR	200 / 200	M/P/5
13	W6SR	359	340	2799	73	K6QU	295	289		W6VX	352 / 199	
14	W6HT	358	339		74	K6IRD	294	292	649	K6GXD	358 / 198	M
15	K6FG	357	340	2774	75	N6WT	282	282	1263	K6FG	365 / 198	M/P/C/R/5
16	K8RD	357	340		76	N6UOZ	280	280		N6WS	362 / 197	M/P/C/5
17	WA6WZO	357	339		77	KT6LA	279	277	1035	W6ENZ	347 / 197	
18	N6RV	356	339	2131	78	WA6WXD	274	220		SM5GMZ	345 / 196	M/P/C
19	K6GXD	355	348	2633	79	K7MY	267	265	831	N6MXU	155 / 193	
20	K5KT	355	340		80	K6VC	259	225		N6RV	339 / 191	M/P/C
21	K6IPV	355	335	1800	81	K6SS	255	225	882	N6HE	195 / 134	
22	N6QQ	354	338	2178	82	W3SE	249	244	754	K2PLF	191 / 191	M/P/C
23	W6IRD	354	338		83	W6DOE	244	244	1005	KC6X	294 / 187	M/P/C/5
24	W6TJI	354	337		84	KQ6K	243	243		N6QQ	325 / 186	M/P/C/R
25	W6OU	354	335	1599	85	N6VOH	243	222		KM6HB	321 / 185	5/M/P/C
26	W8DX	352	339	2517	86	W6LEN	236	236	771	K6LD	314 / 186	M/P/C
27	W6RW	351	337	1991	87	K6JEY	234	234		W6YOO	308 / 185	M/P/C/5
28	W6TK	350	340	1945	88	N6HE	233	225	642	KH6DX/m	210 / 184	
29	W6YOO	350	340	2130	89	N6AA	222	222		K6KII	191 / 177	M
30	N6WS	350	338	2066	90	K6AWB	219	219		K0OK	286 / 173	
31	N7NR	350	329	1127	91	K6DDJ	214	211	551	K6SY	246 / 173	P
32	W6KK	349	340	1864	92	NE6V	213	213	663	W6ZPL	237 / 173	M/P
33	W6ENZ	349	339	2383	93	W6VWV	210	210		KJ6Y	261 / 172	
34	W6VX	349	339	2772	94	KK6FJQ	210	210	379	KR6C	295 / 171	M/C
35	KC6X	350	338	2052	95	W6KC	203	202	589	AD6KC	226 / 164	
36	WA5VGI	348	340	2699	96	W0PE	201	201		N6DHZ	214 / 160	P
37	K6ND	348	339	2562	97	W6JEA	195	195		W6DR	227 / 159	
38	N6HC	348	339	2280	98	N6PM	192	191	618	NK6A	152 / 152	M/5
39	N6IC	347	337		99	N6LL	169	169		W6NRQ	180 / 147	M/P
40	N6HY	345	337	2424	100	KF6I	166	166		WB6PSY	139 / 140	P
41	KR6C	344	338	1985	101	K7LA	160	160	365	WA6BOB	152 / 136	M
42	K6LPO	344	331	1236	102	W6EA	152	152		W6IRD	151 / 111	M/P
43	N6PEQ	343	337	1941	103	W6QE	149	149	224	K6IRD	154 / 126	M/P
44	KM6HB	343	336	1933	104	N6DBF	142	142	374	W5DQ	161 / 112	
45	SM5GMZ	343	333	2317	105	AB9A	141	141		W3SE	102 / 122	
46	N6PE	343	331	1941	106	KI6RRD	139	138	376	KT6LA	132 / 103	
47	AI6Z	342	335	2174	107	N6CA	133	133		K6IRA	118 / 102	
48	W6FL	342	329	1223	108	N6RU	129	128	279	K6VC	96 / 96	P
49	K7ACZ	341	337	1756	109	K6MKL	126	126	185	W6EA	92 / 86	
50	N6MXU	341	331	1416	110	K6DSW	122	122	268	N6UC	78 / 78	M
51	N6XT	339	332	1413	111	KC6TOD	120	120		KA6TTV	82 / 67	
52	W6SW	339	331	540	112	W6MKO	110	0	0	N6VNI	86 / 64	
53	K6RO	339	330	2083	113	KA6D	107	107		N6RRY	74 / 64	
54	W6ZPL	338	335	1367	114	K6BBC	103	103		N6GIL	49 / 43	
55	K2IXQ	337	332	1746	115	NQ6L	101	101		W6DCK	40 / 40	P
56	K6SY	332	322	1037	116	K6SBA	100	100		K6JW	40 / 40	M/P
57	W6DR	331	326	1431	117	N6YQ	100	100		K6YR	39 / 39	
58	K6JW	329	323	1068	118	WA6MEM	100	100		W6DOE	37 / 37	
59	AA6PW	328	328	1709	119	N6RRY	100	70	125	NZ6L	36 / 36	
60	N6AX	327	327	1198	120	K9TAD	74	74	93	W4EF	29 /	
										N6AWD		M
										N6HC		M/P/C
										KB6KTV		P
										W6OES		M
										K8RD		C

2018 Get Schroeder Contest

2018 Get Schroeder Leaders							1A0	4S	7Q	A3	CE9	E7	FK	GI	HS	KH0	LZ	PJ7	T2	TY	VK9L	VU4	YV0	
2018 Entities Worked by SCDXC							262	1S	4U1TU	7X	A4	CN	EA	FK/C	GJ	HV	KH1	OA	PY	T30	TZ	VK9M	VU7	Z2
2018 ClubLog Leaders							280	3A	4U1UN	8P	A5	CO	EA6	FM	GM	HZ	KH2	OD	PY0F	T31	UA	VK9N	XE	Z3
2017 SCDXC Members							281	3B7	4W	8Q	A6	CP	EA8	FO	GU	I	KH3	OE	PY0S	T32	UA0	VK9W	XF4	Z6
2017 SCDXC Leaders (N6RV)							263	3B8	4X	8R	A7	CT	EA9	FO/A	GW	ISO	KH4	OH	PY0T	T33	UA2	VK9X	XT	Z8
2017 ClubLog Leaders							289	3B9	5A	9A	A9	CT3	EI	FO/C	H4	J2	KH5	OH0	PZ	T5	UJ	VP2E	XU	ZA
Rank	Call	Entities	Delta	Missed	-QQ	Uniques	3C	5B	9G	AP	CU	EK	FO/M	H40	J3	KH6	OJ0	R1F	T7	UN	VP2M	XW	ZB2	
						9	3C0	5H	9H	BS7H	CX	EL	FP	HA	J5	KH7K	OK	S0	T8	UR	VP2V	XX9	ZC4	
						1	3D2	5N	9J	BU	CY0	EP	FR	HB	J6	KH8	OM	S2	TA	V2	VP5	XZ	ZD7	
1	N6WS	243	8	19	-28	1	3D2/C	5R	9K	BV9P	CY9	ER	FS	HB0	J7	KH8S	ON	S5	TF	V3	VP6	YA	ZD8	
2	W6OU	230	7	32	-15	2	3D2/R	5T	9L	BY	D2	ES	FR/G	HC	J8	KH9	OX	S7	TG	V4	VP6/D	YB	ZD9	
3	N6WT	228	8	34	-13	1	3DA	5U	9M2	C2	D4	ET	FR/J	HC8	JA	KL7	OY	S9	TI	V5	VP8	YI	ZF	
4	W6TK	219	8	43	-4	0	3V	5V7	9M6	C3	D6	EU	FR/T	HH	JD1/M	KP1	OZ	SM	TI9	V6	VP8/G	YJ	ZK3	
5	N6QQ	215	9	47	0	2	3W	5W	9N	C5	DL	EX	FT5W	HI	JD1/O	KP2	P2	SP	TJ	V7	VP8/H	YK	ZL	
6	N6RV	210	6	52	5	0	3XA	5X	9Q	C6	DU	EY	FT5X	HK	JT	KP4	P4	ST	TK	V8	VP8/O	YL	ZL7	
7	KC6X	190	12	72	25	0	3Y/B	5Z	9U	C9	E3	EZ	FT5Z	HK0/M	JW	KP5	P5	SU	TL	VE	VP8/S	YN	ZL8	
8	WA5VGI	187	6	75	28	0	3Y/P	6W	9V	CE	E4	F	FW	HK0/S	JX	LA	PA	SV	TN	VK	VP9	YO	ZL9	
9	K7ACZ	165	14	97	50	0	4J	6Y	9X	CE0X	E5/N	FG	FY	HL	JY	LU	PJ2	SV/A	TR	VK0H	VQ9	YS	ZP	
10	AI6Z	154	5	108	61	0	4L	70	9Y	CE0Y	E5/S	FH	G	HP	K	LX	PJ4	SV5	TT	VK0M	VR	YT	ZS	
11	N6PM	141	7	121	74	0	4O	7P	A2	CE0Z	E6	FJ	GD	HR	KG4	LY	PJ5	SV9	TU	VK9C	VU	YV	ZS8	

SCDXC Get Schroeder Standings 2018																
Rank	Call	160	80	60	40	30	20	17	15	12	10	6	Total	Slots	Yrs	
1	N6WS	37	63	22	154	131	209	141	78	37	32	26	243	930	54	
2	W6OU	5	21	0	74	38	170	38	18	13	2	6	230	385	55	
3	N6WT	17	35	9	115	88	202	91	46	9	6	9	228	627	4	
4	W6TK	12	51	0	142	77	190	80	66	7	22	1	219	648	61	
5	N6QQ	2	42	0	125	112	189	127	69	24	34	15	215	739	61	
6	N6RV	0	0	0	128	83	155	59	64	23	22	24	210	558	50	
7	KC6X	9	60	5	110	119	160	125	54	27	24	11	190	704	41	
8	WA5VGI	22	16	0	25	50	156	72	36	0	4	1	187	382	34	
9	K7ACZ	6	29	0	81	24	148	23	24	1	2	0	165	338	49	
10	AI6Z	1	16	0	70	16	124	10	42	2	5	0	154	286	25	
11	N6PM	0	1	0	46	67	67	82	25	8	14	5	141	315	24	
12	W6MKO	0	15	0	82	19	96	39	14	1	2	3	139	271	1	
13	W6DR	34	52	0	113	19	112	18	47	1	4	1	137	401	38	
14	N6GP	0	54	0	14	18	88	7	35	0	9	7	115	232	29	
15	NS6C	18	16	0	49	31	63	28	10	4	2	0	109	221	61	
16	N6EV	13	11	0	36	3	71	14	9	1	6	7	109	171	22	
17	W6SR	5	21	0	42	3	96	2	50	0	2	16	106	237	51	
18	N6VNI	0	35	0	43	4	74	27	22	0	3	5	100	213	29	
19	K6RO	0	3	0	22	14	86	23	36	7	17	3	98	211	30	
20	N6HY	2	4	0	69	22	47	20	7	1	0	1	98	173	65	
21	NK6A	0	0	0	34	1	87	9	42	0	5	0	94	178	73	
22	SM5GMZ	40	31	0	11	14	25	25	10	0	0	0	92	156	49	
23	ZL3TE	3	12	3	50	22	45	41	17	6	4	0	90	203	14	
24	K6FOD	1	13	0	42	22	58	19	5	2	10	2	88	174	0	
25	W6ENZ	15	11	0	52	14	36	22	13	4	2	3	82	172	51	
26	N6HE	0	1	0	41	20	56	31	27	0	2	0	81	178	40	
27	W6KC	0	31	0	50	1	64	0	36	0	1	0	78	183	58	
28	KM6HB	2	12	0	29	26	57	25	17	13	9	4	76	194	27	
29	K6FG	9	14	0	42	11	37	12	6	1	5	13	76	150	62	
30	KE6PLA	0	5	0	7	5	71	12	14	2	11	3	73	130	2	
31	K6QU	0	15	0	55	10	32	12	6	1	2	0	72	133	4	
32	WB6DJI	0	0	0	48	0	38	18	0	0	0	4	69	108	5	
33	K7MY	0	0	0	7	0	49	0	33	0	13	0	64	102	41	
34	KK6FJQ	0	0	0	15	11	28	15	7	1	2	5	63	84	5	
35	K6DDJ	0	2	0	7	8	30	10	8	0	0	0	46	65	23	
36	KF6I	1	3	0	36	0	14	0	10	0	0	5	43	69	14	
37	N6DBF	0	0	0	21	7	23	14	8	2	3	3	39	81	32	
38	N6RRY	0	0	0	3	0	37	0	5	0	0	4	39	49	30	
39	K6RRD	2	4	0	7	22	11	10	8	2	4	3	37	73	10	
40	N6RU	0	1	0	0	1	16	1	12	0	1	0	25	32	12	
41	K6YUI	12	0	0	2	2	9	3	1	0	0	1	25	30	61	
42	K9TAD	0	0	0	3	5	17	0	0	0	0	1	25	26	11	
43	AC6DX	0	1	0	11	1	7	1	1	0	3	2	15	27	11	
44	KR6C	1	1	0	2	0	4	0	0	0	0	0	8	8	40	
45	W6SW	0	0	0	1	0	7	1	2	0	0	0	7	11	39	
46	KT6LA	0	0	0	0	0	1	0	0	0	0	0	1	1	12	

Sunspots (K6SY)

Mel forwarded this article describing the cyclic nature of sunspots.

"Attached is a jpg copy of a short article on sunspots from the September 2018 issue of Scientific American. I thought you might be able to use it in one of the SCDXC Newsletters. This is first article I've seen that talks about 11 year, 88 year, 200 year, and 2400 year cycles. All I ever heard about was the 11 year cycles. In another 45 years or so we could have a repeat of the late 1950's. To bad I won't be here to compare the two cycles."

One note of caution, correlation does not equal causation. That said, it would be humorous if the correlation is sympathetic, that is, whatever is causing poor propagation is also causing sunspots. It would be something really big!!!

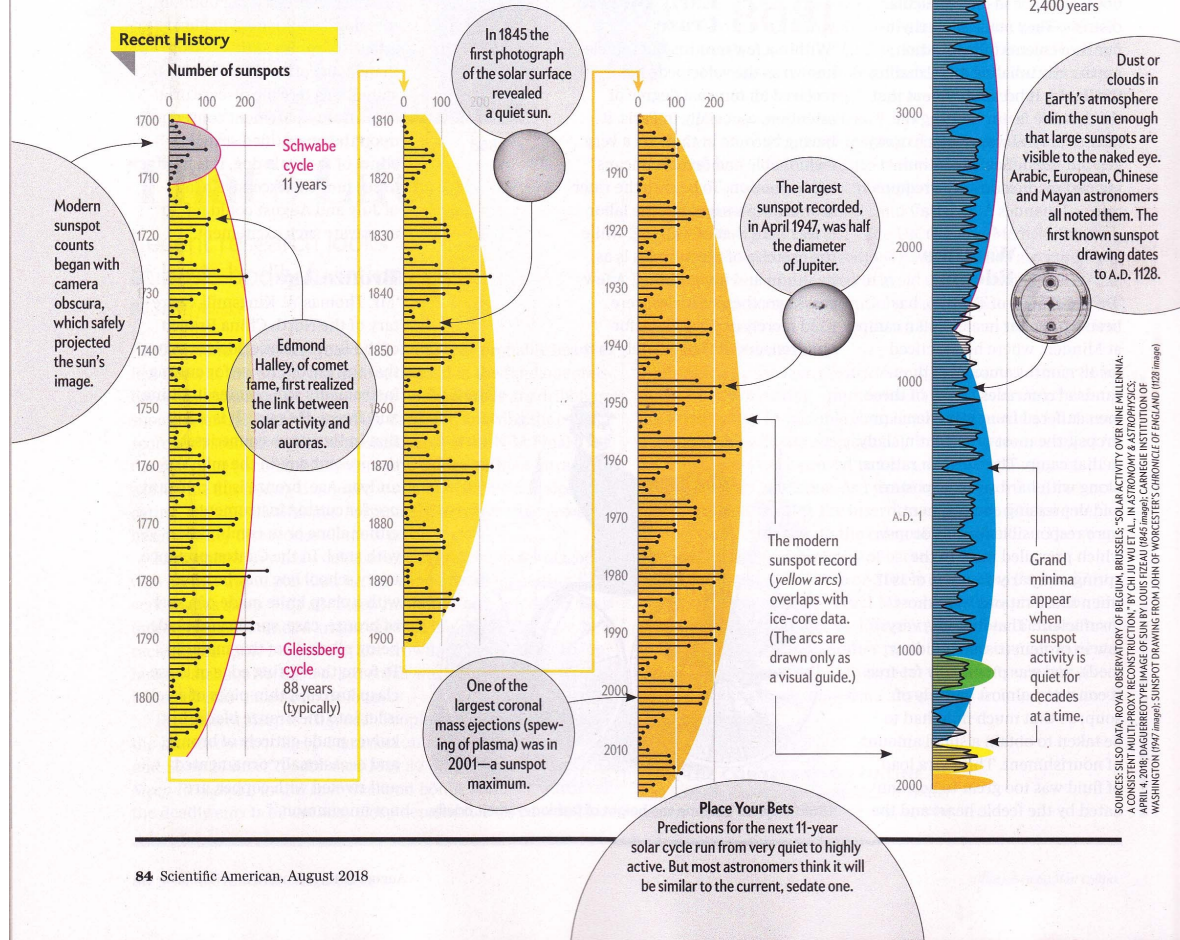
GRAPHIC SCIENCE

Text and Graphic by Katie Peek

Sunspot Surprise

The sun's dark spots cycle every 11 years—
as well as every 88, 200, and 2,400 years

The sun's pockmarked surface is always shifting. Sunspots and solar flares rise and fall every 11 years, a cycle associated with regular reversal of the star's magnetic field. Huge quantities of plasma—known as coronal mass ejections—fly into space, which can disrupt satellites and other electronic signals if they reach Earth. More solar activity during the cycle also amplifies auroras and warms Earth's temperatures slightly. Yet careful study has shown that longer periodicities exist, too. The Gleissberg cycle, first identified in 1862, strengthens and weakens the 11-year cycle over the course of a century (shown in yellow). One paper posits that the Gleissberg pattern is caused by a slow swaying of the sun's magnetic pole. The Suess-DeVries cycle (green) lasts about 200 years, whereas the Hallstatt cycle (blue) runs on the order of 2,400 years. Still, the sun can also be erratic, making it tricky for physicists to predict future sunspots, says Alexei Pevtsov, an astronomer at the National Solar Observatory in Boulder, Colo.: "There's an element of randomness."



TID BITS

3B7A St. Brandon DXpedition (W6HB)

Doug forwarded the link to the 3B7A DXpedition presentation... enjoy!

[3B7A](#)

Favorite Band (K6QU)



WWV (W6HB)

Those who know me realize I don't speak up publicly on many topics. However, after reading what I've just read, I think its time to speak up. Before I continue, please take time to visit the following link and read the posted information:
<https://www.nist.gov/director/fy-2019-presidential-budget-request-summary/fundamental-measurement-quantum-science-and>

Yes, the above link is correct.

Be sure to closely note the paragraph labeled "Illustrative program reductions in FY 2019". They state the following:

- -\$6.3 million supporting fundamental measurement dissemination, including the shutdown of NIST radio stations in Colorado and Hawaii

Folks, for decades, people around the world, whether they know it or not, have become dependent upon the use of NIST Radio Stations WWV, WWVB, and WWVH. Amateur Radio Operators use these stations to calibrate their radios for accurate transmission and reception of frequencies. Everyone uses these stations for keeping their atomic clocks – wristwatches and wall clocks – as well as computers – personal and websites – and who knows what else with accurate time.

If this change does, in fact, take place next year, the effects of shutting down the WWV, WWVB, and WWVH radio stations will have a huge impact on everyone worldwide, not to mention all of the timepieces around the world that depend upon these stations.

Perhaps a personal investigation into this matter along with a call to your congressmen as well as the ARRL may be in order.

Respectfully,

73 - Doug Dowds -- W6HB & E51DLD

TID BITS

The Death of the 11 Year Solar Cycle? (WB6DJI)

Mike forwarded this link regarding the decline of the 11 year solar cycle.

"The Sun's 11-year sunspot cycle is likely to disappear entirely, not just get less pronounced; [since] other stars with similar rotation rates show no sunspot cycles," Travis Metcalfe, the paper's lead author and an astronomer at the Space Science Institute in Boulder, Colo., told me.

<http://qrznow.com/32286-2/>

Asia Pacific DX Convention

Hello, DX-ers!

We'd like to invite you to the Asia Pacific DX Convention 2018.

You might have heard about this unique DX convention held in Osaka, Japan every two years. Of the many amateur radio events in Japan, only APDXC is conducted completely in English. APDXC was originally planned for hams who were discouraged from attending amateur radio events in Japan because they were all conducted in Japanese only. When the first APDXC was still in the planning stage, we asked some DX hams what would be interesting for them to do in Japan, and many of them replied that they would like to visit an amateur radio equipment factory. Fortunately, Icom has kindly offered us guided tours in their factories during every convention.

APDXC is a three-day event starting with a welcome party on Friday evening. Meet old friends and make new friends while enjoying a snack buffet, drinks, and maybe some live music. Our special fun DX banquet takes place on Saturday evening. On Sunday, enjoy several presentations, including DXpedition stories, technical issues, unknown parts of the world, and much more.

APDXC is not as large as the convention in Visalia, but it's an international, personal and friendly convention. In 2016 we had attendees from six continents, and we're expecting the same this year.

For details and registration, please see our website at <http://apdx.org>.

We look forward to seeing you in Osaka in November at APDXC 2018.

Asia Pacific DX Convention
JA3USA / Osaka International House Radio Club

Resource Page

Useful DX Sites

N0HR DXpedition Map
www.n0hr.com/wk34/

The DX Zone
www.dxzone.com/catalog/DX_Resources/

The Daily DX
www.dailydx.com/

Announced DX Ops
www.ng3k.com/misc/adxo.html

DXing.info
www.dxing.info/dxpeditions/

DX 425 News
www.425dxn.org/dxped/

Dx-info.de
www.dx-info.de

DX Italia DX News

Propagation

Still Nothing to See Here Folks!

The best that can be said is we have sunspots. The SFI is still hovering around 70 so let's not get our hopes up.

Even at the bottom of the cycle there has been a lot of activity from 160 - 17 meters. This fall will be interesting! Remember to turn your radio on!!!

ARRL VE Exam Sessions

To find an ARRL exam sessions in your area go to the website:

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

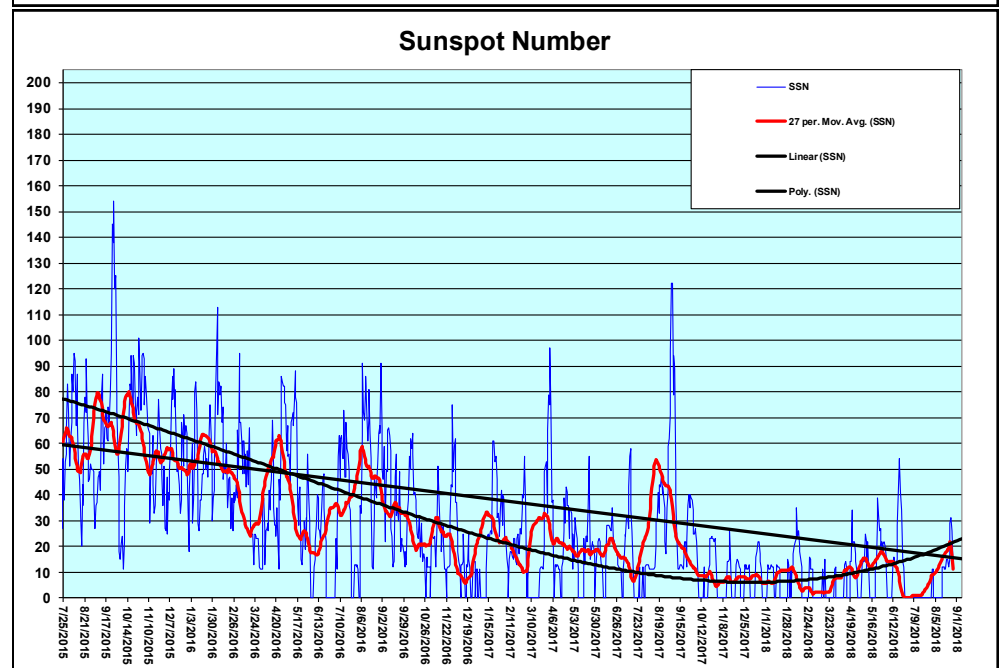
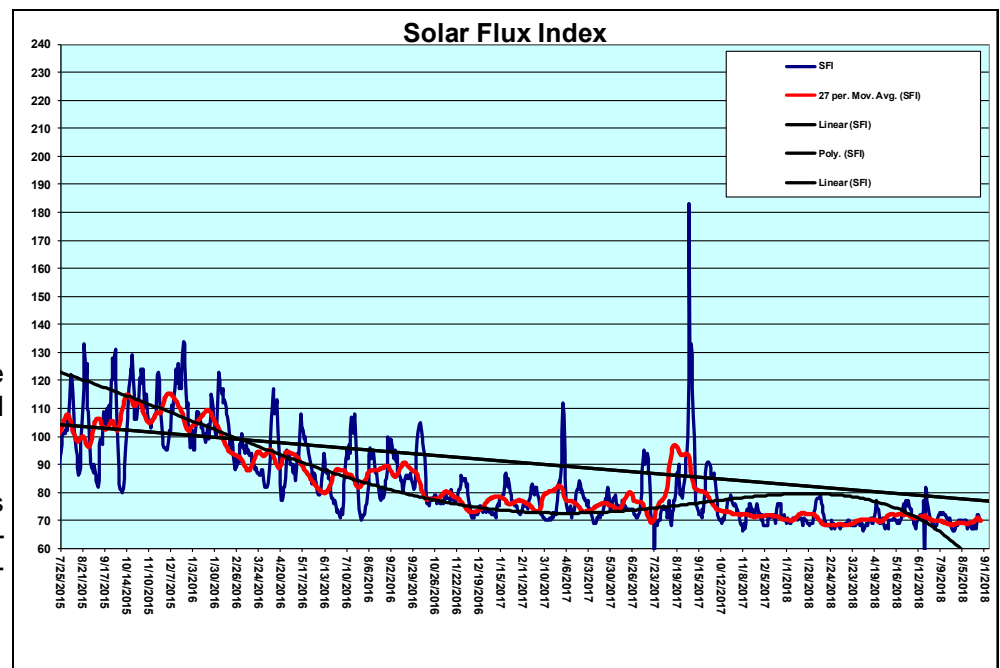
Club and Conduct Sites

Officer Guidelines

http://www.scdxc.org/download/Officer_Guidelines.pdf

DX Code of Conduct

<http://www.dx-code.org/>





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Anaheim	ana@hamradio.com	1-714-533-7373	1-800-854-6046	1-714-533-9485
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